

10/018094

1/9

Fig. 1

rat nephrin
hum nephrin

MSSLTPLLLMGMLTSLAESPVPTAPRGFVALSENLTAVEGTTVKLVCGVRAPGSSVQVAKDGLLGPMPKMPGPRYSLEGORAKGEFHL IEA 96
 MALGTTILRAS--L-L-E--QLAI-A-V-----P--V--AS-E-R--ST--A--D-R-I--R--P-R--H--100
 CDLSDDAEYECQVGRSELGPELVSPKVILSILVSPKVLLLTPEAGSTVTWAGQEVVTVCSGDAKAPDITF IOSGRT ILDVSSNNVGESEKLCITEA 196
 -----M-----R-----P-L-----TM-----N-----ILL-Q--S-I-A--Q--FTV--200
 EARV IPASSDNGQLLVCEGSPALDTPIKASF TMN ILFPFGPPV IDWPLN EGHVRAGENILEL PCTARGGNPPATLQVL KNGKPVSTAWGTEHAQAVHS 296
 -----R-----A-S--EA-----V-V-----E-D-----QS--I-V--L--Q--T--R--300
 VLVMTVRPEDHGARLSCQSYNSVSAGTOERSITLQVTFPPSAITILGSVSQSENKNVTL CCLTKSSRPRVLLRWLGGROLLPTDETVM DGLHGGHISMS 396
 -----Q--EAH-----HG-----I--A--T--S-VS--T--Y--W--ME--400
 NLTLVVRREDNGLPLTCEAFSDAFSKETFKKSLTLNVKYPQAKLWIEGPPGQVIRTGIRVRLVCLAIGGNPDPSLIWFKDSRPVSEPRQPQEP RRVLG 496
 -----A--ST--E--T--E--I--KL-A--E--M--Y--T--T--S--L--S--H--500
 SVEKSGSTFSRELVL IIGPPDNRAKFSCKAGQLSASTQLVVOFPPTNLTILANSSALRPGDALNLTCVSISSNPVNL SVDKEGERLEDVAAKPSAPFK 596
 -----V--S--Q--T--A-----V-----A-----V--G--P--RR--600
 GSAASRVFLRVSSRDHGQVTCRAHSEALRET VSSFYR FNVLYPPEFLGEQVRAVTVVEGQVLLPVSVSANPAPEAFNWTFRGYRLSPAGGRPHRILS 696
 -----A--L--Q--AE-----L--R-----LV-A--EA-----700
 GGALQLWNVTRADDGFYQLHCQNSEGTAEALLKLDVHYAPTIRALRDPTEVNVGSSVDIVCTVDAMPILPEMFSWERL GEEEDNLDDMEKVS KGSTGR 796
 S--H-----L-----R-R-----Q-----G--N--D--QS--I--R--P--800
 LRIQAKLSQAGAYQCIVONGVAP AARGLVRLVVRFAPOQVDQPTPLTKVAAAGDSTSSATLHCRARGVNPIDFTWKNGVPLDLQDPRYTEHR YHQGVVH 896
 -----A--HH--A-----P--R--L-----EH-----V--T--G--900
 SSLLTIANVSAADYALFKCTATNALGSDHTNIQLVSI SRDPPLGLKVVISPHSVGLEWKPGFDGGLPQRFQIRYEALET PGFLHVDVLP TOATTFTL 996
 -----A--A--A-----Q-----S--L--T--C--G--HY--V--P--1000
 TGLKPSTRYRIWLLASNALGDSGLTDKGIQVSVTTPGDDQAPEDTDHQLPTELPPGPPPLPLLPVLF AVGGLLLSNASCVGGLLRRRLRLRAEEISEK 1096
 -----Q--V--T--A--T-LPI--LH-PSGEPE--P-S--SG-----L--V--D--1100
 TEAGS EDRIRNEYEESQWGTGRDTRSSVTSTAEVDPNYSMRDPSQLPPTLEEVLYHQG AEEDMAFPGHLHDEVERAYGPPGAWGPLYDEV RMDP 1193
 -----E--V-----E--Q-----T-AE-Y-R-L-----Q--S-SR-FTG-D-----T-P-S-----Q-G--1200
 YDLRWPEVQCEDPRGIYNQVAADM DAVEASSLPFELRHLV 1234
 W--H--DTYQ-----D--G-L-TL-PD-----1241

BEST AVAILABLE COPY

2/9

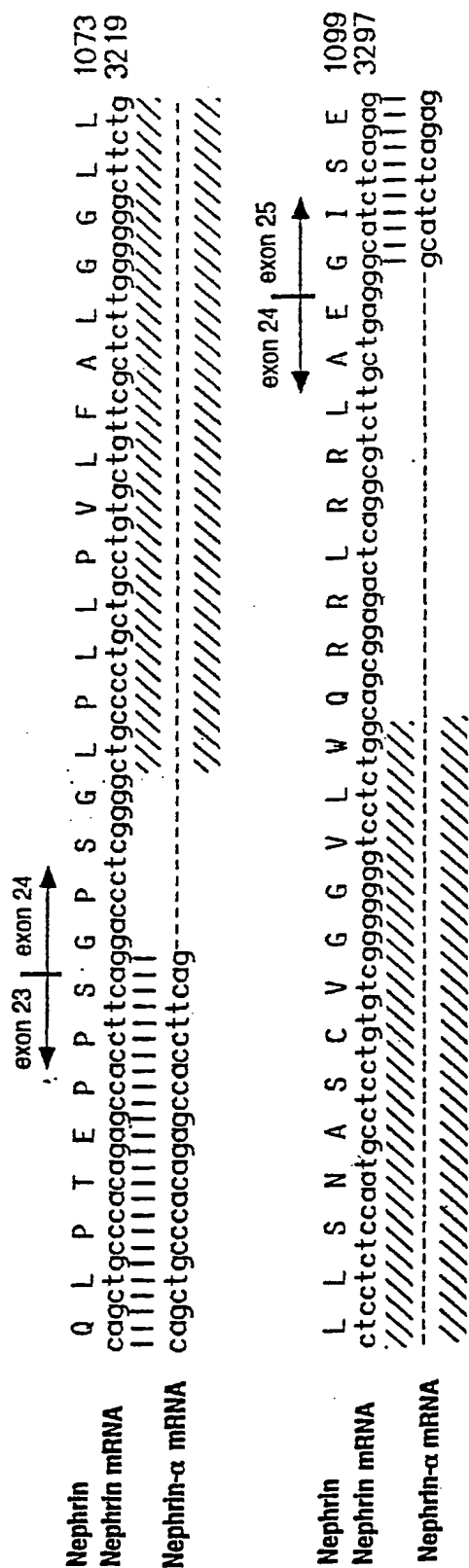


Fig. 2

3/9

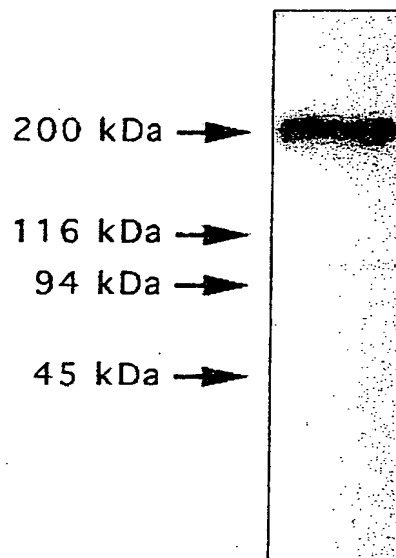


Fig. 3

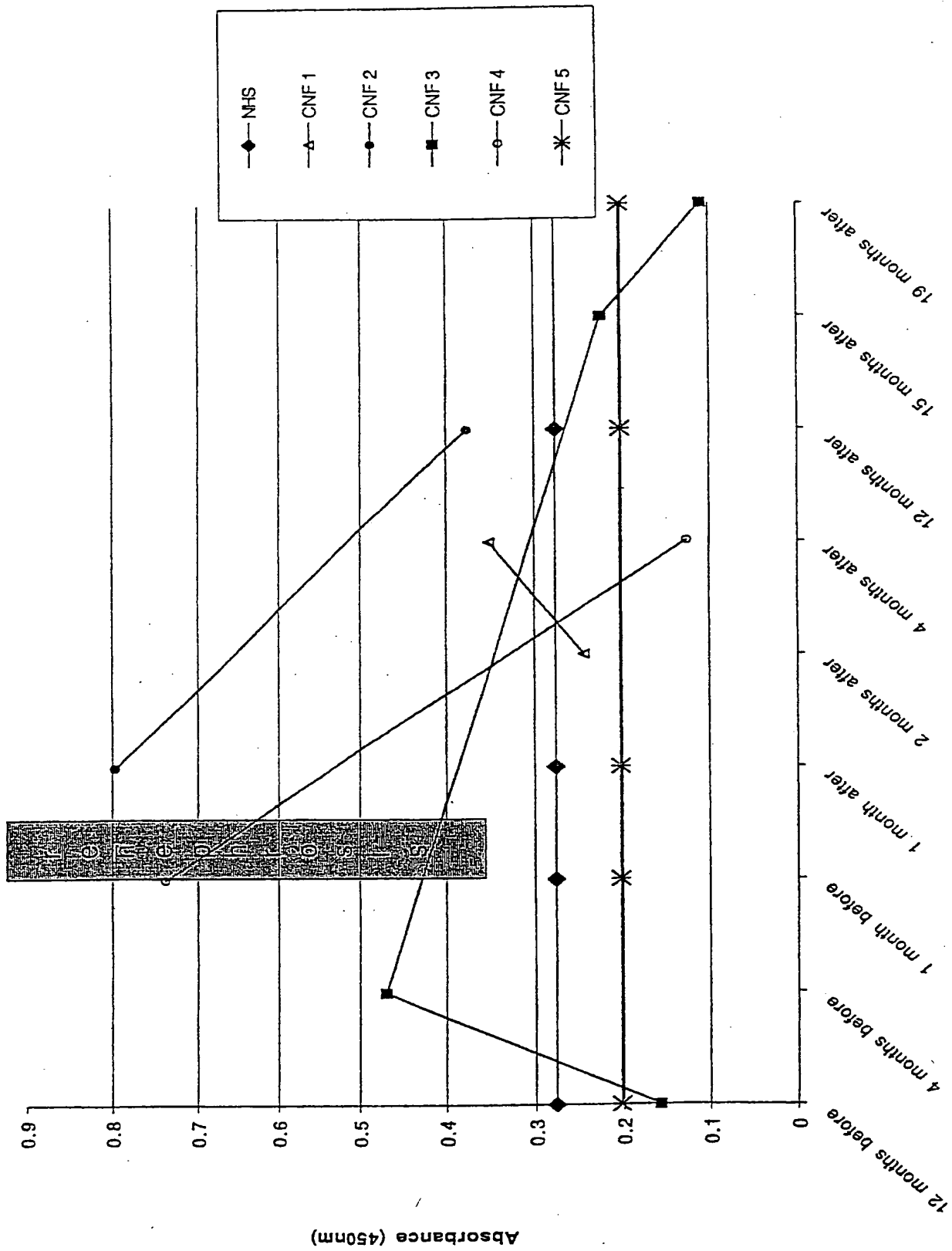
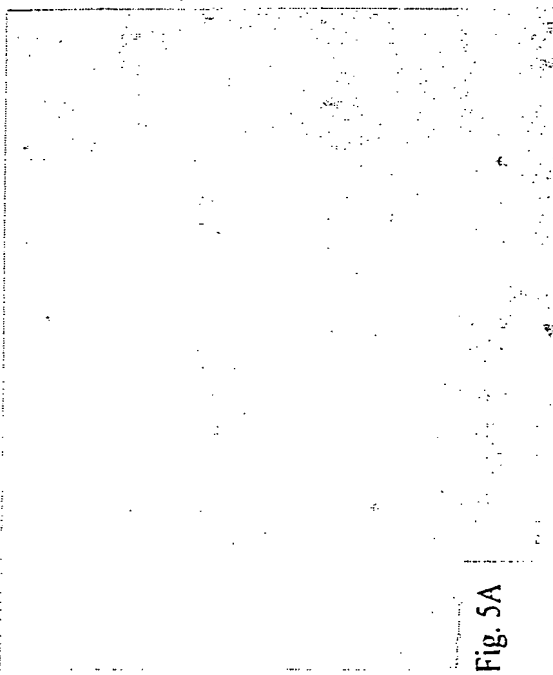
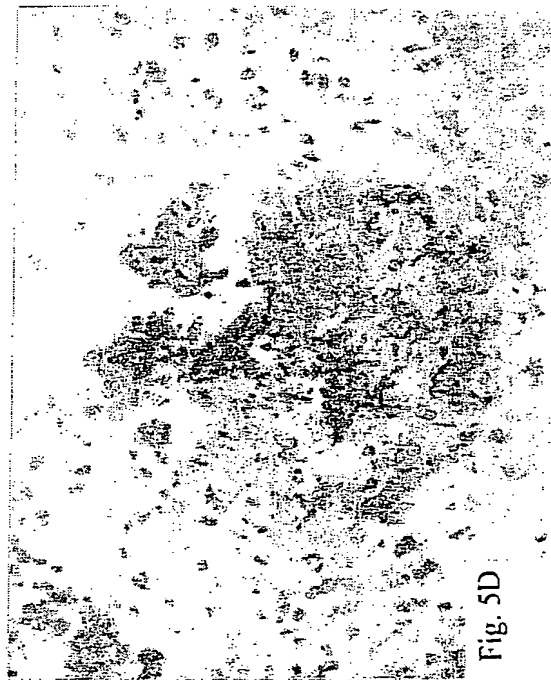
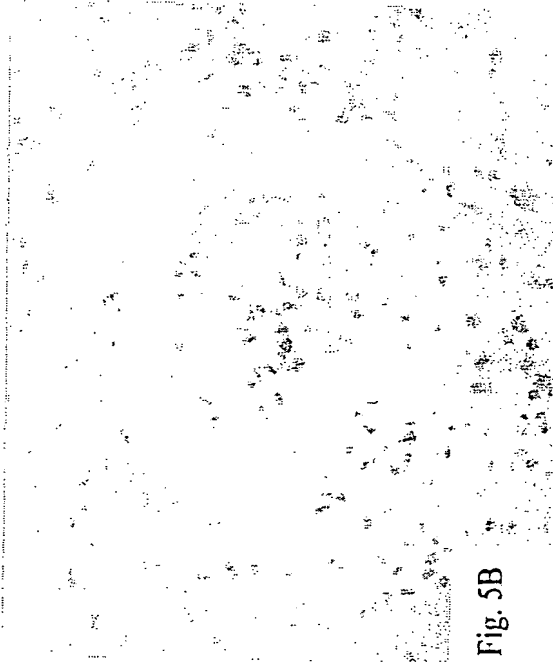


Fig. 4



A1	A2	A3	A4	A5	A6	A7	A8
B1	B2	B3	B4	B5	B6	B7	
C1	C2	C3	C4	C5	C6	C7	C8
D1	D2	D3	D4	D5	D6	D7	D8
E1	E2	E3	E4	E5	E6	E7	E8
F1	F2	F3	F4				
G1	G2	G3	G4	G5	G6	G7	
H1	H2	H3	H4	H5	H6	H7	H8

Fig. 6

7/9

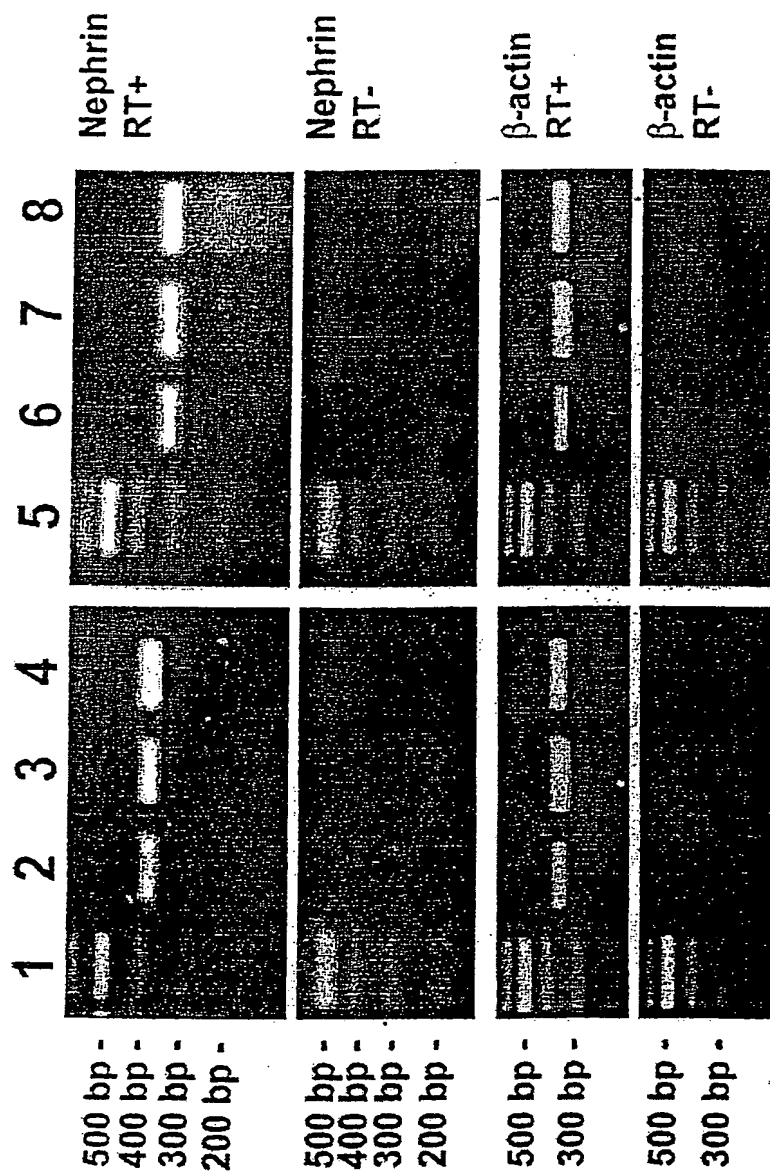


Fig. 7

8/9

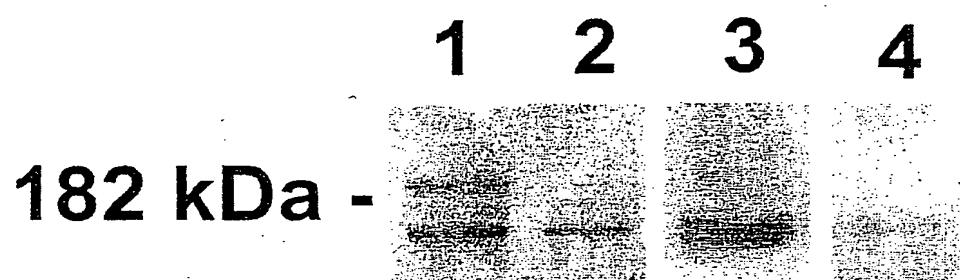


Fig. 8

9/9

Fig. 9A

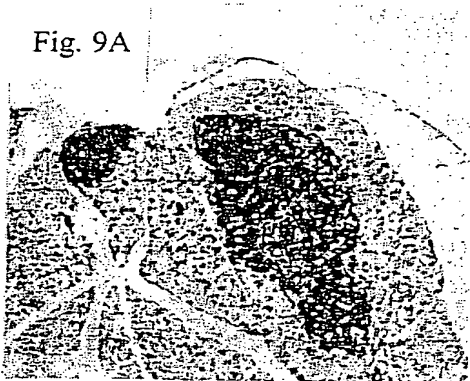


Fig. 9B

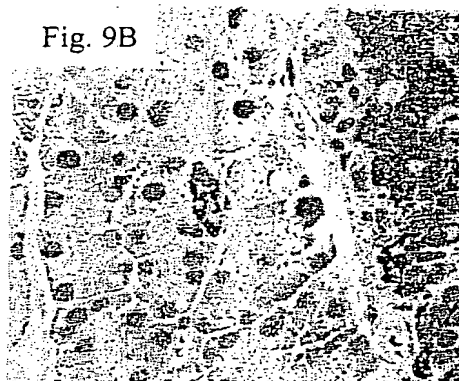


Fig. 9C

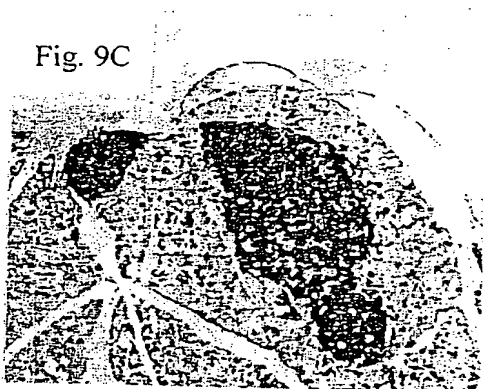


Fig. 9D

